Docket No.: K0050.0002/P002

ABSTRACT

An exhaust filter regeneration regime is described in which a filter is regenerated by triggering an exothermic reaction in the filter to burn off particulate load. In order to attain the appropriate regeneration temperatures fuel is injected in the exhaust stream and oxidizes upon contact with a catalytic converter. A control regime comprises metering fuel injection dependent upon exhaust stream temperature to provide a flexible control regime independent of engine duty cycle.